









# Progress Report

October 2, 2018













## **Quarter 1 Progress Report Highlights**

- 1. Enrollment and Academic Update
- 2. Fourth Cohort Admissions
- 3. 5<sup>th</sup> Cohort & Staffing Update
- 4. ABET / ACS Update & Faculty Training
- 5. President and SDSU Delegation visit
- 6. New Initiatives
- 7. Community Relations and Development Update
- 8. Student Life Update
- 9. PPPF Update
- 10. Construction Renovations Update
- 11. Procurement Status Update











1. Enrollment & Academic Update











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Fall 2018 Dec 14 Sep 17 BIO 100/203/203L CHEM 100/232/232L/410A/457/497/498/520A/550 CIV E 100/220 COMP E 160/270/361/375/470L/475/496A CS 108/310/370 **ECON 102** EE 210/300/310/330/330L/340/420/440/458/496A History - 100 LING 100A/100B/200/305w MATH 141/150/151/245/541 Philosophy – 101/332 PHYS 195/195L/196/196L POL S 101 STAT 250 WMNST 101/375 Comm 103/371 Con E 201 C LT 270A/470

Final Exams

Dec 17-22



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### Georgia

### Fall 2018 Semester Courses – Major subjects

- Biology 100 (with Lab), 203 (with Lab) Sandra Wiley, Magda Alania, Natalia Dachanidze
- Chemistry 100, 232 (with Lab), 410A, 457, 497, 498, 520A, 550 Giorgi Jibuti, Marina Soselia, Douglas Grotjahn, Ana Goletiani, Giorgi Dalakishvili, William Tong, Gregory Kalyuzn, Nino Kokiashvili
- Civil Engineering 100, 220 Michael Saunders, Manuchar Shishinashvili, Giorgi Chubinidze
- Oral Communication 103 Brianna Quintero, Mariam Nebieridze
- Computer Engineering 160, 270, 361, 375, 470 Lab, 475, 496A Tinatin Davitashvili, Ia Mosashvili, Magda Tsintsadze, David Chkhaidze, Giorgi Veshapidze, Amir Alimohammad, Archil Gvimradze
- Computer Science 108, 310, 370 Magda Tsintsadze, Tao Xie, Ia Mosashvili
- Construction Engineering 201 Michael Saunders
- Economics 102 Irakli Murtskhvaladze
- Electrical Engineering 210, 300, 310, 330 (with Lab), 340, 420, 440, 458, 496 Simon Nemsadze, Ken Arnold, Tinatin Davitashvili, Barry Dorr, Tsisana Gavasheli, Te Ying Khai, Nikoloz Abzianidze, Archil Gvimradze, Tamar Chelidze, Lal Tummala, Nana Dikhaminjia, Ege Engin, Giorgi Ghvedashvili, Santosh Nagaraj, Ekaterine Abzianidze, David Chkhaidze
- Ling 100A, 100B, 200, 305W Ketevan Kalandadze, Nino Jojua, Pietera Pincock, Ketevan Kalandadze, Tinatin Tabidze, Tamar Matchavariani
- Mathematics 141, 150, 151, 245, 541 Alexander Meskhi, Nino Manjavidze, David Natroshvili, Giorgi Chelidze, Nana Odishelidze, Tinatin Davitashvili
- Mechanical Engineering 200 Michael Saunders
- Physics 195 (with Lab), 196 (with Lab) Alexander Shengelaia, Ekaterine Sanaia, Tamar Chelidze, Giorgi Tsitsishvili
- Statistics 250 Petre Babilua











### Fall 2018 Semester Courses – GE subjects

- Philosophy 101, 332 Kevin Seifert, Tamar Goguadze
- Comparative Literature 270A Irma Ratiani
- History 100 Leri Tavadze
- Women studies 101, 375 Nargiza Arjevanidze
- Oral Communication 371 Brianna Quitero
- Political Science 101 Khatuna Chapichadze











### **Spring 2018 Academic Report**

15 students maintain a perfect GPA of 4.00

Cohort 1 – 1 student

Cohort 2 – 3 students

Cohort 3 – 5 students

106 STUDENTS IN THE Dean's list

(3.5 or above GPA for S'18)

Cohort 1 – 16

Cohort 2 – 34

Cohort 3 – 56











## **Enrollment Numbers by Cohorts/PUs**

Program name	Enrollment of 2015 -16 (Cohort 1)	Enrollment of 2016-17-(Cohort 2)	Enrollment of 2017-18 (cohort 3)	Harolimont of		ISU	GTU	Total
Electrical Engineering	18	19	30	19	64	16	6	86
Computer Engineering	46	29	43	53	111	40	20	171
Chemistry/Biochemistry	17	37	40	61	151	0	4	155
Computer Science	0	41	49	75	165	0	0	165
Civil Engineering	0	0	27	15	0	0	42	42
Construction Engineering	0	0	18	7	0	0	25	25
Total # of students at the enrollment	81	126	207	230	491	56	97	644











### **Current Numbers by Cohorts/PUs**

Program name	Enrollment of 2015 -16 (Cohort 1)	Enrollment of 2016-17-(Cohort 2)	Enrollment of 2017-18 (cohort 3)	Enrollment of 2018-29 (cohort 4)	TSU	ISU	GTU	Total
Electrical Engineering	15	14	24	19	55	14	4	73
Computer Engineering	31	24	28	51	100	30	4	134
Chemistry/Biochemistry	16	26	29	60	130	0	0	130
Computer Science	1	35	47	73	156	0	0	156
Civil Engineering	0	1	19	17	0	0	37	37
Construction Engineering	0	2	11	7	0	0	20	20
# of Students as of Sept 2018	63	102	158	227	441	44	65	550

4 students pulled out (initial enrollment was 230), including 2 international (one of them will apply for Spring 2019), and 2 Georgian (got admission abroad). Late application from 1 international student from Chechnya.











## 2. Fourth Cohort Admissions











### Recruitment Highlights (September 2018)

Total	2015-16	2016-17	2017-18	2018-19
Total	84	126	206	227
Georgians	81	115	183	223
International	3	11	23	4
Male	65	70	145	141
Female	19	56	58	86
	STATI	STICS FOR GEORGIAN CITI	ZENS	
# of students (Tbilisi)	57	82	127	146
# of students (Regions)	24	33	56	77
# of students (public)	61	75	130	161
# of students (private)	20	36	53	62
# of students (SV status)	27	20	39	38
Total # public schools	28	54	82	107
Total # private schools	17	27	28	44









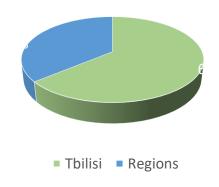


### **Cohort 4 – Record Enrollment**

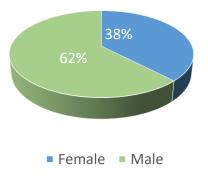
#### No. of Students in Cohort 4



#### No. of Students - Cohort 4



No. of Students in Cohort 4



#### **Perfect (100%) scores on NAEC exams:**

English – 11 students
Math – 1 student
GA – 1 student (the only 1 in the country)
Chemistry – 2 students











# General Information on Scholarship Distribution (as of September 24)

Number of Scholarships offered	227
Average Scholarship	80%

Gender				
Male	141			
Female	86 (38%)			

Tbilisi	146
Regions (including 1 from Abkhazia and Internationals 4)	81

**Total Number Applicants with Disadvantaged Status:** 38 (17%)



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### Georgia

### **New Student Orientation**

On September 15-16 SDSU Georgia held New Student Orientation. New Student Orientation is an annual event that aims to assists students in their transition to university life. At the event students learned about University culture and academics and were advised on ways to be a successful university student. Students also participated in team-building exercises to better connect with one another and boost University spirit.



2018 Admissions



2016 Admissions











3. 5<sup>th</sup> Cohort Update











### Proposed NAEC QUOTA for 2018-19: 120 or 150

Partner University & Program name	Available spots # for 2018-19 enrollment (120	Available spots # for 2018-19 enrollment (150
	students)	students)
TSU	55	80
Electrical Engineering	5	5
Comp. Engineering	20	25
Chemistry/Biochemistry	30	50
GTU	25	30
Civil Engineering	5	5
Comp. Engineering	20	25
ISU	40	40
Electrical Engineering	20	20
Civil Engineering	20	20

Cohort 5 will enroll up to 120 or 150 Georgian students in 4 degrees (instead of 2)





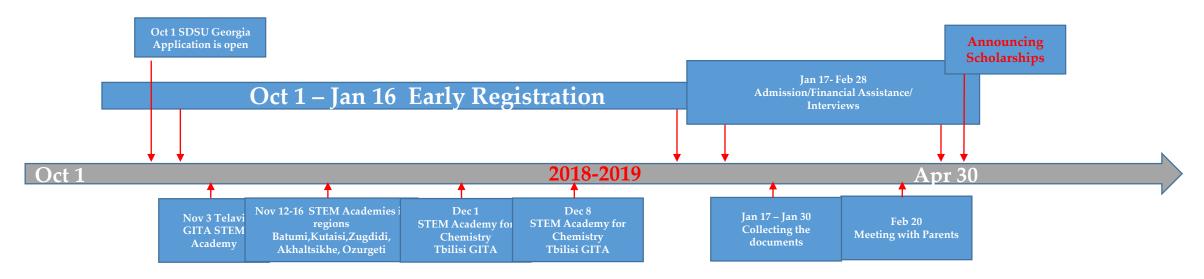






# 2010 2010 Coording Dogwilling Time

# 2018 – 2019 Georgian Recruiting Timeline Fifth Cohort



Mar 10 STEM Tour Labs and new Building

Apr 15 Meeting with parents April 25 Admitted students reception TSU Main Hall End of March NAEC REGISTRATION CLOSES











# 4. ABET / ACS Update & Faculty Training











### **Faculty Development**

- In Spring 2018, there were 6 Georgian faculty members at SDSU for training.
- Extensive visits.
- Co-teach, use equipment
- Teaching methods and approaches
- ABET training for 15 faculty mem.
- TOTAL TRAINED (including ABET) is 77.



Next Faculty Development group will be sent to SDSU in Spring 2019



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AMERICAN CHEMICAL SOCIETY



# ACS Certification of TSU - SDSU-G Chemistry / Biochemistry program

- To date, ACS has not certified any program outside the US, our TSU-SDSU-G
   Chem/Biochem program will be the first.
   SDSU-G foresees initiation of the ACS certification for TSU by the end of 5<sup>th</sup> cohort.
- TSU announced an ACS Committee on Feb 9.
- 1st TSU ACS Committee meeting was held in May 2018.
- 2<sup>nd</sup> TSU ACS Committee meeting was held Sept 21, 2018.
- An English Language CHEMISTRY
  PROGRAM is AGREED. Giorgi Jibuti will
  be the program coordinator. Currently, we
  are awaiting preparation of curriculum
  (October 10).











### **ACS Progress Summary up to date**

Based on an understanding with Dean Ramaz Khomeriki, TSU Polymer/Organic Chemistry Chair, Professor Omar Mukbaniani, and TSU Bio/Inorganic Chemistry Chair, Professor Ramaz Gakhokidze, it has been agreed:

- Assistant Professor Giorgi Jibuti to be nominated a coordinator of English language Chemistry Program at TSU.
- To get the program approved by EQE by the end of the year
- To have an ACS Regional Chapter registered in Georgia by the end of the year, with 10 ACS Professional members from each PU (TSU, ISU, GTU), and 15 paid student members from SDSU-G.
- To organize an international ACS Symposium by ACS Regional Chapter (in collaboration with GCS, TSU, SDSU-G Student Chapter) in the 3rd week of April 2019. Three ACS Headquarters officers (President, and two others) will be invited to attend the Symposium.

Above will set the stage for TSU to submit an ACS certification application, either in Fall 2021 (after graduating the FIRST TSU cohort), or Fall 2022 (after graduating the SECOND TSU cohort). By this time TSU will have a demonstrated a track record with ACS.











### **ACS Certification Timeline**

September 2018 December 2018 January 2019 April 2019 Fall 2021 Fall 2022

#### Submit the program for EQE Approval

Register ACS Regional Chapter in Caucasus (Georgia)

Get 10 members per PU and 15 SDSUG Students to register ACS Regional Chapter

> Prepare ACS Regional Chapter Website and Content

> > Apply for ACS Chapter Registration

> > > Receive approval for ACS Regional Chapter

Organize an int'l ACS Symposium by ACS Regional Chapter

Submit ACS Certification Application (Fall 2021 or Fall 2022)

Build track record for a standalone English-language TSU Chemistry/Biochemistry Program











### **ACS Regional Meeting for Caucasus**

International Symposium on Chemistry and Chemical Technology

(April 18-21 / 25-28 2019)

Venue: Tbilisi State University, Building 1, Conference Hall

Organizational Committee:

- •Georgian Chemical Society
  - •Tbilisi State University
- •San Diego State University Georgia
- American Chemical Society Student Chapter
- American Chemical Society Regional Chapter









#### <u>Day 1</u>

30min.

*A.M.* Plenary Sessions (Prof.)

**Break Posters** 

*P.M.* Plenary Sessions (Prof.)

**Break Posters** 

Day 2

15min.

A.M. Poster Sessions (students)











# Support of partner universities to acquire ABET for their stand-alone engineering and computer science programs



First and Second rounds of Preliminary Self-Studies were completed and reviewed by ABET Foundation.

A delegation of 15 Georgian faculty members, were in San Diego in April (6-16) for ABET training at SDSU campus, and to attend the Annual ABET Symposium.

ABET Readiness Report for Computer Science and Electrical Engineering programs at TSU are submitted, a site visit from ABET is expected in Fall 2019











### Government Support for TSU's ABET needs

Total five-year cost that is estimated by the ABET Foundation team for each of the four programs is:

Program	New Costs	Existing Lab Maintenance	Total
GTU Civil Engineering	\$1.017,943	\$75,000	\$1,092,943
GTU Electrical Engineering	\$502,403	\$75,000	\$577,403
✓ TSU Computer Science	\$181,275	\$75,000	\$256,275
✓TSU Electrical Engineering	\$340,395	\$62,395	\$340,395
Total	\$1 024 073	\$287 395	\$2 267 016

#### **Update:**

Ministry of Education, Science, Culture and Sport has produced a letter confirming their support of ABET accreditation acquisition at TSU. The Ministry will provide 600'000 USD over the next five years to support TSU'S EE and CompE program ABET needs.











### TSU ENGLISH LANGUAGE COMPUTER SCIENCE PROGRAM

TSU is getting ready to submit the English Language Computer Science to EQE for Georgian accreditation.

They asked if they can be granted a grace-period by NAEC to submit the quota (in case they do not have the EQE accreditation completed in time).











Georgia

PU	First – track programs	Second – track pilot programs	Other (initiated by PU's for ABET review)
TSU	Computor Engineering	Computer Science	
130	Computer Engineering	Electrical Engineering	
GTU	Communitary Empire a cuita a	Civil Engineering	Computer Science (BIG DATA)
GIU	Computer Engineering	Electrical Engineering	Biomedical Engineering
	Computer Engineering		
	Electrical Engineering		
ISU	Civil Engineering		Computer Science

#### ABET Second-track:

- Helped PU's in taking ownership, created urgency, raised awareness;
- Accelerated ABET acquisition by the PU's (possibility in 2019 /20 for some programs)



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PARTNER UNIVERSITY	Program	ABET Track	Same as SDSU- Georgia Program	Approval for SDSU- Georgia Transition	Likely first opportunity for ABET review
	Computer Engineering	First	Yes	Yes	Fall 2023
TSU	Computer Science	Second	No	N/A	Fall 2019
	Electrical Engineering	Second	No	N/A	Fall 2019
	Civil Engineering	First	Yes	Yes	Fall 2023
ISU	Computer Engineering	First	Yes	Yes	Fall 2022
	Computer Science	N/A	N/A	N/A	Fall 2023
	Electrical Engineering	First	Yes	Yes	Fall 2022
	Civil Engineering	Second	No	N/A	Fall 2022
	Construction Engineering	N/A	N/A	N/A	N/A
GTU	Computer Engineering	First	Yes	Yes	Fall 2023
	Electrical Engineering	Second	No	N/A	Fall 2022
	Computer Science	N/A	N/A	N/A	Fall 2023











### Transition Committee work at PU's

Tbilisi State University

Head of Committee – Lasha Saginadze, Vice Chancellor, TSU 10 Committee Members

4 meetings have already been held: May 2018, July 2018, August 2018, and September 2018 Achievements:

- Work on New Partnership Agreement in progress;
- TSU building XI access issue has been agreed;
- TSU II elevator issues have been prioritized and funds for installation will be included in TSU 2019 budget proposal.
- ABET accreditation work in progress. The letter from the Minister of Education, Science, Culture and Sport of Georgia on supporting sustainability of ABET accreditation process has been received;
- American Chemical Society (ACS) committee established and works are initiated.











### Transition Committee work at PU's

### Georgian Technical University

Head of Committee – Alexander Zedelashvili, Deputy Head of International relation and Standards Services, GTU

10 Committee Members

2 meetings have already been held: April 2018, and June 2018

Achievements:

- Work on New Partnership Agreement has been initiated;
- SDSUG experiences on students' recruitment, advertisement and communication of programs have been shared with GTU Committee members











### Transition Committee work at PU's

Ilia State University

Head of Committee – Nana Dikhaminjia, Head of Computer Engineering Program, ISU 11 Committee Members

3 meetings have already been held: 2 in April 2018, and 1 in August 2018 Achievements:

- Work on New Partnership Agreement in progress;
- ABET accreditation work in progress;
- ISU identified people who will be involved in SDSUG teaching process



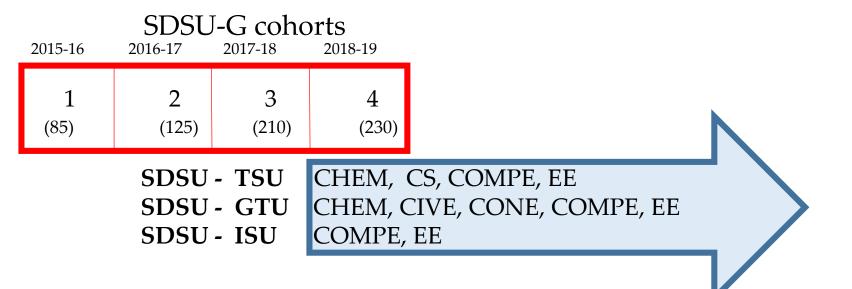








### Transition Planning (Starts Sep. 2018)













# Transition Planning Starts (Sep 2018) SDSU-G cohorts

 2015-16
 2016-17
 2017-18
 2018-19

 1
 2
 3
 4

 (85)
 (125)
 (210)
 (230)

SDSU - TSU

SDSU - GTU

SDSU - ISU

CHEM, CS, COMPE, EE

CHEM, CIVE, CONE, COMPE, EE

COMPE, EE

TSU GTU ISU CS (Georgian)\* , EE (Georgian)\*

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COMPE (Georgian), COMPE (English)

EQE approved programs (with ABET Compatible Curricula) offered at PUs











### **Transition Plan (2019-2020)**

#### SDSU-G cohorts

2015-16	2016-17	2017-18	2018-19	2019-20
<b>1</b>	2	3	4	5
(85)	(125)	(210)	(230)	(120 or 150)

SDSU - TSU

SDSU - GTU

SDSU - ISU

CHEM, COMPE, EE

CIVE, COMPE

CIVE, EE











### **Transition Plan (2019-2020)**

SDSU-G cohorts

2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5
(85)	(125)	(210)	(230)	(120)

SDSU - TSU

SDSU - GTU

SDSU - ISU

CHEM, COMPE

CIVE, COMPE

CIVE, EE

TSU GTU ISU

CS (Georgian), EE (Georgian), CS (English)

COMPE (Georgian), COMPE (English)

EQE approved programs (with ABET Compatible Curricula) offered at PUs

SDSU-G program



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### Georgia

### Transition Plan (2020-2021)

#### SDSU-G cohorts 2019-20 2017-18 2018-19

2016-17 (125)(210)(230)(120 or 150)

CS (Georgian), EE (Georgian) CS (English), EE (English)

ABET

**ABET** accredited programs offered at PUs

**TSU GTU** ISU

#### CHEM, COMPE

CIVE (Geo), EE (Geo), CIVE, EE, COMPE, CONE (?) COMPE (Georgian), COMPE, EE, CIVE

EQE approved programs (with ABET / ACS Compatible Curricula) offered at PUs

SDSU-G program











# 5. President and SDSU Delegation Visit











# SDSU Delegation visit to SDSU Georgia: September 17 – 22

#### Members of Visiting Delegation:

- President Adela de la Torre with husband, Dr. Stephen Bartlett
- Dr. Asfaw Beyene Associate Dean, SDSU Georgia
- Dr. Walter Oechel Dean, College of Science with wife, Dr. Donatella Zona
- Dr. Shangping Ren Chair, Department of Computer Science
- Dr. William Tong Chair, Department of Chemistry/Biochemistry
- Dr. Eugene Olevsky Dean, College of Engineering
- Dr. Janusz Supernak Chair, Department of Civil, Environmental Engineering
- Dr. Lal Tummala Chair Emeritus, Department of Computer and Electrical Engineering











# SDSU Delegation meetings and events: Monday, September 17

TSU Program Transition Committee meeting was held with participation of SDSU delegation.

#### Topics discussed:

- 1. ABET:
- Readiness Report submission timeline
- ABET symposium in April 2019 in Dallas, Texas
- 2. ACS
- 3. EQE:
- Chemistry/Biochemistry: English language program structure and application
- Computer Science (English language program) approval
- 4. New Partnership Agreement
- 5. Facility and NMR tour for the President of SDSU
- 6. SDSU Georgia class availability during the renovation of TSU 2











# SDSU Delegation meetings and events: Tuesday, September 18



President meeting with the MCA – Georgia CEO, and MCC RCD



President meeting with the Empower Women Club of SDSU Georgia



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## Georgia

# SDSU Delegation meetings and events: Tuesday, September 18

On September 18 San Diego State University Georgia held several Town Hall Meetings where students had a chance to meet with the delegation of Deans and Chairs from SDSU. Students had a opportunity to meet with their SDSU Deans and Chairs in order to get in-depth insights into academic and extracurricular experience they will gain during their studies at the SDSUG.



Mini Town Hall Meeting with Dean Eugene Olevsky And Dr. Lal Tummala



Mini Town Hall Meeting with Dean Eugene Olevsky And Chair Janusz Supernak











# SDSU Delegation meetings and events: Wednesday, September 19



President along with the partners from MCC and MCA appeared on TV1 to discuss SDSU Georgia Convocation ceremony 2018, SDSU Georgia program progress and results up to date as well as future plans.

President de la Torre and Deans and Chairs from SDSU met with the Deputy Minister of Education, Science, Culture, and Sport of Georgia, Dr. Aleksandre Tevzadze



President at the Convocation Ceremony 2018











# SDSU Delegation meetings and events: Wednesday, September 19

**Convocation Ceremony 2018** 



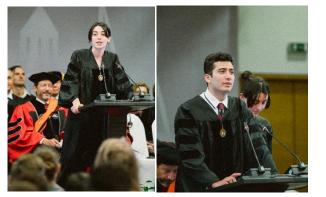
























# SDSU Delegation meetings and events: Thursday, September 20











Tour of the ISU New Campus with ISU Rector and Vice Rector

Town Hall Meeting with the Students: President and SDSU Delegation











# SDSU Delegation meetings and events: Friday, September 21



President meeting the SDSU-Georgia staff



President at the Advisory Board Meeting











# 6. New Initiatives











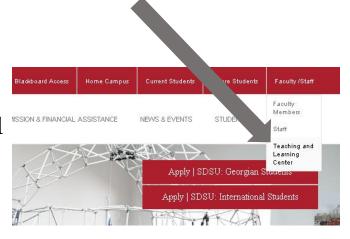
## **New Initiatives in Academic Affairs**

#### 1. Faculty Handbook Finalised and Issued

- Instructor Delivery Quality Control
- Office Hours Faculty
- Monitoring of Lectures

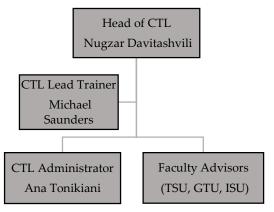
#### 3. New Centre for Teaching and Learning

- Active Learning
- Slido
- Blackboard Support
- IT Support
- First Workshop Held



## 2. New Centre for Teaching and Learning (CTL)

Office Hours Monday 3pm to 4pm



#### 4. Syllabus Review and Harmonization

- Accreditation
- Student Outcomes (ABET)
- Academic Monitoring Early Warning System
- Attendance Penalties Harmonized across Syllabi











## Intervention will continue...

- Since last year, moved English placement testing to early August
- Intensive English work with those testing into Linguistics 94 (100A)
- Repeated placement testing first week of school 50 students passed the placement test (Fall)













## Intervention will continue...



The new Vice –Dean appointed (September 1, 2018)—dedicated to Student Success:

Dr. Nugzar Davitashvili with 25 years of experience as an educator in Atlanta - Georgia, moved back to Tbilisi – Georgia. He holds Ph.D. in STEM.











# **Capstone Project: Partnership with Business**















Presentations by SDSU Chairs Presentations by Business Representatives











# **Employment opportunities for graduates ...**

A Career Development Center is currently being established. This Center will focus on:

- -- equipping students with good self-presentation skills, and
- -- marketing students' skills to public and private partners.

Future and current activities to create employment opportunities for graduates:

- Students are trained in resume writing and job interviewing techniques by SDSU Georgia faculty and invited guests;
- SDSU Georgia staff will be trained and dedicated to helping students find job/innovative project funding opportunities;
- MoU's with public and private partners to create employment opportunities for students are being negotiated and executed;
- Information on job openings and internships being directly communicated to students;
- Annual JOB FAIR and internship fairs are being organized.











# **Career Development Services**

New Career Development Center will be established that will work on preparing the graduating students for the job market.

SDSU-Georgia staff will be dedicated to creating the center and will work with the students and Business sector to ensure employment of the 2019 graduates.



Presentation of Career Development Services at the Advisory Board Meeting











# 7. Community Relations and Development Update











# <u>July 2018</u>

- . July 9 Study tour for SDSU Georgia students at Georgian Water and Power (GWP)
- July 18 SDSU Georgia students meet with first humanoid robot Sophia at Justice House of Georgia
- July 19 MoU Signing Ceremony among SDSU Georgia, MCA Georgia and Gudavadze-Patarkatsishvili Foundation (GPF)















## August 2018

- . August 16 SDSU Georgia students met with Intel employees
- August 22 The Vice President of Millennium Challenge
   Corporation (MCC) Cynthia Huger visited SDSU
   Georgia Electrical and Computer Engineering labs located at TSU, building 11.
- August 12-25 Georgia hosted "Woman in Science WiSci 2018"
   Camp were SDSU G students served as counselors.













## September 2018

- . *September 15-16* SDSU Georgia student orientation at TSU
- . September 18-23 SDSU President Adela De La Torre's official visit to Georgia
- . September 19 SDSU Georgia hosted Convocation Ceremony 2018



















## September 2018

- . September 21 Advisory Board Meeting and Reception
- . September 22 Science and Innovation Festival in Tbilisi
- . September 28 Science and Innovation Festival in Batumi
- September 29 ISU Science Picnic at Vake Park





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## Georgia

#### **Media Relations**

- During the reporting period SDSU G was covered by all main media outlets in Georgia (TV, Radio, Print, Online) 113 times.
- The coverage was positive or neutral\*.

\*Source: IPM Media Monitoring











#### San Diego State University Georgia Hosts 2018 Convocation



The San Diego State University of Georgia warmly

start is quite important for achieving success especially when it comes to the new academic year. Motivating students for the new challenges is not an easy task, but it was well-achieved at the San Diego State University Georgia's Convocation

Ceremony, a special event that signifies the eginning of a university career and brings new students and their families together with faculty

On September 19, San Diego State University (SDSU) Georgia hosted its official Convocation Ceremony to mark the start of the new academic year and accept new students into its programs. The joyful and simultaneously quite important event was attended by the 9th rmanent President of SDSU Dr. Adela de la Torre Vice Prime-Minister and Minister of Regional Development and Infrastructure, Maya Tskitishvili, Minister of Education, Science, Culture, and Sport, Mikheil Batiashvili, U.S. Embassy Chargé d'Affaires, Elizabeth Rood, Millennium Challenge Corporation Chief Operating Officer, Jonathan Nash, and Millennium Challenge Account Georgia Chief Executive Officer, Magda Magradze. President de la Torre and a delegation of SDSU Deans from the Colleges of Science and Engineering were special

At the beginning of the event, the national anthems of Georgia and the United States were

The Convocation Ceremony was hosted by Halil Güven, Dean of SDSU Georgia. The honorable guests and attendees of the ceremony addressed freshmen, congratulating them on the beginning of the new academic year, wishing them a successful university career and bright future and stressed the importance of SDSU's collaboration with Georgia.

"We have a record number of students engaged in our programs this year. Besides admitting such a large quantity of students, we enrolled 14 students with perfect scores in General Aptitude, Math, Chemistry, and English into our programs. I am thrilled that students' interest towards STEM and SDSU is constantly increasing, both qualitatively and quantitatively. This is very promising for the future of Georgia. We wish success to all our new and old students in this

Dr. de la Torre led the official ceremony of accepting new students to the University's program





სან დიეგოს სახელმწიფო უნივერსიტეტმა ახალი სასწავლო წლის დაწყების საზეიმო ცერემონიას უმასპინძლა



სან დიფოს სახელმწიფო უნივერსიტეტმა ახალი სასწავლო წლის დაწყების საზეიმო ცერემონიას უმასპინმლა. სპეციალურად ამ ცერემონიისთვის საიცინდუნ ,ებძვენ ასტეტისბევიშუ უნივენაქაბის მცებიდ შას ახლეციბის პრეზიდენტი, ადელა დე ლა ტორე და ამერიკელი პროფესორების დელეგა-

წელს, სან დიეგოს სახელმწიფო უნივერსიტეტმა მეოთხე წაკადი მიიღო. ამერიკულ სამაკალაერო პროგრამემზე საქართველოში 230 სტუდენტი ჩაირიცხა. მათ შორის არიან საერთაშორისო და ადგილობრივი სამეცნიერო ოლიმპიადების გამარჯვებულები და სტუდენტები უმაღლესი ქულებით ეროვნულ გამოგდებზე, აღსანიშნავია, რომ სტუდენტთა დაახლოებით 40% გო-













#### Website and Social media

The content distributed included: special videos, student success stories, press releases, media coverage, happening now, photo stories, livestreams, events, etc.

## Web page

Total users – 6146

Page view - 30,644

From desktop – 59.92%

From Mobiles – 38.09%

From Facebook – 645

Users visiting webpage directly – 1,565

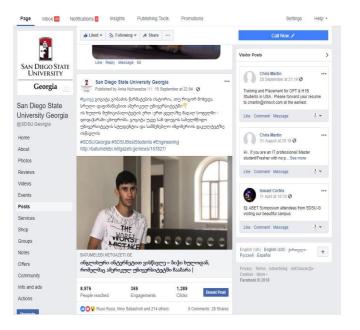
Users from Google – 3,645

# **Facebook Insights**

Total Post Reach: 183, 391

Page Likes: 20, 813 (+600)

Highest post reach – 48,900













# **Public Private Partnership**

- September 19 Donors Appreciation reception at U.S. Ambassador's residence.
- . September 20 Imedi TV morning show appearance on the culture of giving
- . September 21 SDSU Georgia Advisory Board Meeting and Reception















#### MAIN UPCOMING EVENTS

- October (TBD) Scholarship Award Ceremony with GWP
- . *October (TBD)* Career week at GWP
- . October 20 Career Development Centre Launch & Workshop
- . October Guest Speaker (TBC)
- . November PPPF Anniversary Event











8. Student Life Update

# SAN DIEGO STATE JNIVERSITY

Georgia



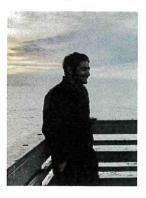




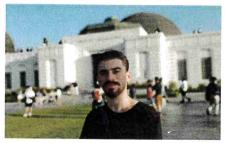
# A.S. Board at SDSU-Georgia



Secretary



E.E. Rep



President



Vice President



Comp.E. Rep



Dean's Office Rep



Chem. Rep

C.S. Rep











## **GEDSE Summer Research Session**

GEDSE program was designed to redirect funds to students' development needs.

12 SDSU Georgia students were selected to conduct research alongside professors in their field of study.

Students chosen to take part in this session were granted full or partial funding to cover expenses incurred during their 5-8 week stay.

Research participants:

Davit Soselia
Lana Gaspariani
Tamar Maisuradze – A.S. Chem
Rep.
Mikheil Kushashvili
David Janelidze
Luka Tatarashvili – A.S. Dean's
Office Rep.



Vakhtang Donadze – **A.S. President**Mariam Basilaia – **A.S. VP**Ana Lomashvili
Shota Amashukeli
Shota Tsikhiseli
Paata Burnadze





# Georgia



*Major -* Computer Engineering

**Research Mentor -** Dr. M.Sarkar, Dr. C.Paolini

Research Duration – 4 weeks

Research Topic - Fall Detection and Prediction Using

Machine Learning

**Research results** - Research objective of employing and comparing different ML models such as random forests, Recurrent Neural Networks, Gradient Boosted Trees has been successfully reached. Research conducted with Dr. Sarkar and Dr. Paolini, preparing for journal submission.

#### Paata Buradze

Major - Chemistry

Research Mentor – Dr. John Love

*Research Duration* – 8 weeks

**Research Topic** - find out some ways of inhibition of

SRC kinase activity

*Research results* – research is in process









#### Ana Lomashvili

*Major -* Electrical Engineering

**Research Mentor -** Dr. Calvin Johnson

**Research Duration** – 5 weeks

**Research Topic -** Quasidynamical symmetries in nuclear shell model

Research results - Decomposed nuclei with phase-deformed Casimirs using Bigstick shell-model code and found evidence of quasidynamical symmetries. The research is still in progress as it is essential to have additional decompositions as a proof of research's findings.

#### Lana Gasparian

*Major -* Computer Engineering

Research Mentor - Dr. Liu

**Research Duration** - 8 weeks

**Research Topic** - Identifying the best model for the real time video data processing

**Research results** - Deciding that Yolo V3 tiny version is the best option that could be used for now, until further simplifying.



## Georgia



*Major* - Chemistry

**Research Mentor** – Dr. John Love

**Research Duration** – 10 weeks

Research Topic - Using Protein Design to Engineer a

Scaffold for Regio-Selective C-H Functionalization

**Research results** – Research is still in progress

#### David Janelidze

*Major -* Computer Engineering

**Research Mentor -** Dr. Mahasweta Sarkar

**Research Duration** – 6 weeks

**Research Topic -** Optimal LoRa Gateway Location

**Research results** - Module of ns-3 of LoRa for US standard frequencies built, which will be used to make simulations in ns-3. Research still continues and it needs a lot of simulations to successfully make application which will find optimal LoRa Gateway location for thousands of nodes (which can be houses for example connected to the Gateway.









#### Luka Tatarashvili

*Major -* Chemistry

**Research Mentor** – Dr. Bill Tong

*Research Duration* – 5 weeks

**Research Topic -** Degenerate Four Wave Mixing Laser

Spectroscopy

**Research results** - Analytical technique was tested with Nile Blue dye and a good signal to noise ratio was obtained.

#### Vakhtang Donadze

*Major -* Computer Engineering

Research Mentor - Dr. Mahasweta Sarkar

**Research Duration -** 5 weeks

**Research Topic** - Animal Activity Detection in a Natural

**Environment Using IOT** 

**Research results** - We were able to finalize hardware and conduct several experiments. From gained data, we elaborated ways and planned how to accomplish the main task. One of the main outputs was to create an algorithm which helped to avoid signal collisions.











## Georgia

#### Shota Amashukeli

*Major* - Computer Engineering

*Research Mentor* – Dr. Baris Aksanli

**Research Duration** - 4 weeks

**Research Topic** - "Animal Activity Detection in a Natural Environment

Using IOT"

**Research results** - the first prototype device has been finalized, by the end of the research. The project itself is quite large and the device should be field tested this winter in Congo.

#### Mariam Basilaia

*Major* - Chemistry

**Research Mentor** – Dr. John Love

*Research Duration* – 10 weeks

**Research Topic** - Using Protein Design to Engineer a Scaffold for Regio-Selective C-H Functionalization

*Research results* – Research is still in progress

#### Mikheil Kushashvili

*Major* - Electrical Engineering

Research Mentor - Dr. Satish K. Sharma

*Research Duration* – 5 weeks

**Research Topic -** Electro-Magnetic waves and antennas: a conical antenna for satellite communication

**Research results** - Designed conical antenna, propagating only TE12 and TM11 modes for 26-40GHz

#### Shota Tsikhiseli

*Major -* Biochemistry

**Research Mentor -** Dr. John Love

**Research Duration -** 4 weeks

**Research Topic** - Using protein design to engineer a scaffold for region-selective C-H functionalization

**Research results** - Got bacteria with ability to produce desired protein.











9. PPPF Update



SCIENCE







## Georgia

## **Public Private Partnership**

- May 1 Advisory Board Meeting and Reception
- *May 4* SDSU G Chemistry labs tour for leading pharmaceutical companies in Georgia hosted by Dr. Bill Tong
- *May 5* SDSU Deans delegation's visit to the European school to provide STEM consultations
- *June 7* Annual Job and Internship Fair
- June Walter Reed Institute Externship winners announced (Mariam Abramishvili and Ani Chakhrakia

#### PPPF status update:

Total Committed - \$3,289,836 Public - \$150,000 Private - \$ 3,139.836

















10. Construction – Renovations Update



# San Diego State University

SCIENCE











# TBILISI STATE UNIVERSITY

- Coordination with TSU Building 2 renovation
- Lift for Nuclear Magnetic Resonance (NMR) Device installed
- Delivery and installation of NMR finished
- Ongoing installation of electrical grounding in TSU 2
- Installation of UPS and HVAC for NMR and other equipment finished
- Security and Access issues TSU Administration is going to install security alarm system and corridor will be open from 8 A.M. to 7 P.M.
- Transfer of equipment and maintenance responsibility



# San Diego State University

Georgia



TECHNOLOGY













#### SAN DIEGO STATE University

Georgia











# First NMR in Southern Caucasus

NMR is a sophisticated and powerful analytical technology that has found applications in many disciplines of scientific research, ranging from agriculture to medicine. To date, Georgian scientists had to send samples abroad to take NMR specters. This is a hindrance because some substances cannot be transported, and others have very short lifetime.

Purchasing, importing and installing this high-technology NMR Ascend 400 machine in Georgia is a major undertaking. There are less than 50 such machines installed around the world.

Having this advance NMR machine in Georgia presents a great opportunity for development of biotech and other industries in Georgia.



























#### **Progress on (permanent) Elevators**

#### Central Library

- Existing Elevators Evaluated
- Market Analysis Underway

#### TSU-2

- Elevator Included in the Planned Building Renovation
- Schedule: TSU-2 planning to include permanent elevator installation to 2019 budget
- Temporary elevator for NMR will remain in TSU 2 as long as permitted by TSU, approximately until summer of 2019

#### **TSU-11**

• No Plan or Schedule





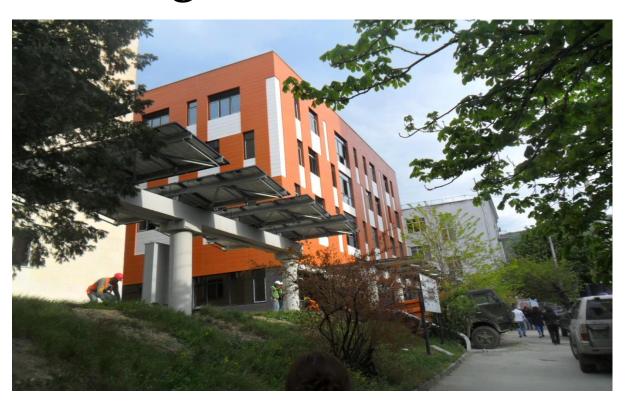






# New SDSU-G building at ISU















## ISU NEW BUILDING FIT-OUT



Electrical and Computer Engineering Labs Civil and Construction Engineering Labs

**Smart Classrooms** 

Library/Lounge Space

Office

**27 FEBRUARY 2018** 

18 APRIL 2018

**15 JANUARY 2019** 

15 MARCH 2019

TENDERS RECEIVED

COMMENCED CONSTRUCTION

**CONSTRUCTION COMPLETE** 

FF&E COMPLETE



SCIENCE

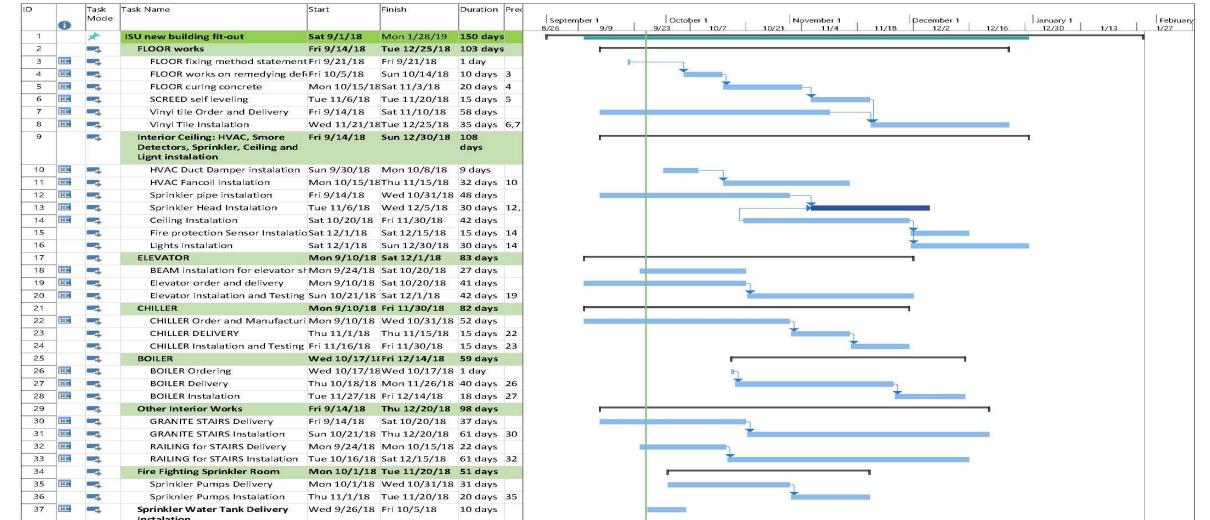






#### Georgia

#### Projected Delivery and Installation Schedule of Equipment for New SDSU-G Building at ISU - Time Chart





Georgia

SCIENCE

TECHNOLOGY











Georgia

SCIENCE

TECHNOLOGY











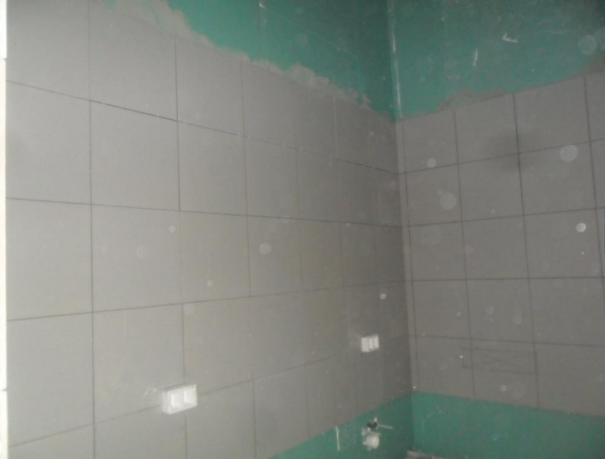




































# 11. Procurement Status Update











#### **Topics**

- NMR Delivery/Installation/Startup
- Replenishment for Chemistry and Electrical Engineering Laboratories
- Bidding out Chemicals and small Equipment for TSU II Chemistry Laboratory 457
- Maintenance Contracts











## NMR Delivery/Installation/Startup

NMR Arrival and Custom Clearance Date	30-Aug
NMR Delivery Date on Site	31-Aug
NMR Installation	From 31-Aug to 12-Sept
Helium and Nitrogen Delivery	12-Sept
NMR Startup	15-Sept
Training technical staff and lecturers on NMR Use	From 01-Oct, to 5-Oct



First Signal Received











# NMR Spectrometer Avance III HD Some Facts

- SDSU Georgia has created first precedent of high resolution spectrometer Ascend 400 NanoBay delivery to Caucasus region
- It is the first Spectrometer in TSU II after almost 40 year pause, the last researches were conducted in 1980y.













# Replenishment for Chemistry and Electrical Engineering Laboratories

Course Name	Approximate Amount
Chemistry 100/200/232/251/432 L	10,675.00 GEL
EE 270/330 L	7,000.00 GEL











# Bidding out Chemicals and small Equipment for TSU II Chemistry Laboratory 457

Chemicals and small Equipment (NMR Lab) approximate amount	27,000.00 GEL
Dead Line for placing Order	15 <sup>th</sup> October











## Maintenance of HVAC Systems

#### **LTD CDC Maintenance Contract**

Building	Filt	ers	Service	Time Period	Description
TSU II + CL	€	1,849.00	4,035.00 ₾	Once per 6 months	Change of Filters + General checking
TSU II			803.60 ₾	Once per 6 months	Generator Maintenance
GTU II	€	98.00	1,275.00 ₾	Once per 6 months	Change of Filters + General checking
GTU II			401.80 ₾	Once per 6 months	Generator Maintenance

Total	€ 1,947.00	6,515.40 ₾
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## Maintenance Contract for Waste Disposal

#### LTD Medical Technology

Chemical waste disposal company.

Rate -5.4 GEL per 1 kg, including VAT.





















